WEST Search History for Application 10813363

| Query | DB | Op. | Plur. | Thes. | Date |
|---|---|-----|-------|-------|------------|
| ((serializ\$3 near2 deserializ\$3) or serdes) same (phase near3 lack\$3) same (disc near3 drive) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | | | 08-31-2008 |
| ((serializ\$3) near2 descrializ\$3) or serdes) same (disc near3 drive) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | | | 08-31-2008 |
| @ad<=20040130 | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | | | 08-31-2008 |
| (@ad<=20040130) and (((scrializ\$3 near2 descrializ\$3) or serdes) same (disc near3 drive)) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | | | 08-31-2008 |
| ((synchroniz\$3 or clock\$ or lock\$3) near6 ((scrializ\$3 near2 descrializ\$3) or serdes)) same (transceiver\$) same (disc near3 drive) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | | | 08-31-2008 |
| (((synchroniz\$3 or clock\$ or lock\$3) near6 ((serializ\$3 near2 descrializ\$3) or serdes)) same (transceiver\$)) and (disc near3 drive) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | | | 08-31-2008 |
| (((synchroniz\$3 or clock\$ or lock\$3) near6 ((serializ\$3 near2 descrializ\$3) or serdes)) same (transceiver\$)) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | | | 08-31-2008 |
| ((((synchroniz\$3 or clock\$ or lock\$3) near6 ((serialix\$3 near2 deserialix\$3) or serdes)) same (transceiver\$))) and (@ad<=20040130) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | | | 08-31-2008 |
| 20040179638 | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | | | 08-31-2008 |
| (375/211).ccls. or (455/7).ccls. or (455/14).ccls. or | PGPB, USPT, | OR | | | 08-31-2008 |

| (455/15).ccls. or (455/16).ccls. or (370/279).ccls. or (370/293).ccls. or (379/338).ccls. | USOC, EPAB, JPAB, DWPI, TDBD | | |
|---|---|----|------------|
| ((synchroniz\$3 or clock\$ or lock\$3) near6 ((serializ\$3 near2 deserializ\$3) or serdes)) and (disc\$ near3 drive) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | 08-31-2008 |
| ((synchroniz\$3 or clock\$ or lock\$3) near6 ((serializ\$3 near2 deserializ\$3) or serdes)) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | 08-31-2008 |
| (((synchroniz\$3 or clock\$ or lock\$3) near6 ((serializ\$3) near2 descrializ\$3) or serdes))) and ((375/211).ccls. or (45571/ccls. or (455/14).ccls. or (455/16).ccls. or (455/16).ccls. or (370/279).ccls. or (370/293).ccls. or (370/238).ccls.) and (@ad<=20040130) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | 08-31-2008 |
| 20040120418 | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | 08-31-2008 |
| (((serializ\$3 near2 descrializ\$3) or serdes) near6 core\$) same (lane and substrate\$ and board) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | 08-31-2008 |
| (((serializ\$3 near2 descrializ\$3) or serdes) near6 core\$) and (lane and substrate\$ and board) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | 08-31-2008 |
| (((serializ\$3 near2 descrializ\$3) or serdes) near6 core\$) and (substrate\$ and board) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | 08-31-2008 |
| (((serializ\$3 near2 descrializ\$3) or serdes) near6 core\$) and (substrate\$ and board) and (disc near3 drive) and (@ad<=20040130) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | 08-31-2008 |
| (((serializ\$3 near2 deserializ\$3) or serdes\$2) near6 core\$) and (disc near3 drive) and (@ad<=20040130) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | 08-31-2008 |
| (((serializ\$3 near2 descrializ\$3) or serdes\$2) near6 core\$) near7 (plural\$4 or multipl\$4) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | 08-31-2008 |

| | | | |
|--|---|----|------------|
| 709/\$5.ccls. or 710/\$5.ccls. or 713/\$5.ccls. or 370/\$5.ccls. or 375/\$5.ccls. | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | 08-31-2008 |
| ((serializ\$3 near2 deserializ\$3) or serdes\$2) near7 (plural\$4 or multipl\$4 or several\$3 or numerous\$2) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | 08-31-2008 |
| (((serializ\$3 near2 deserializ\$3) or serdes\$2) near7 (plural\$4 or multipl\$4 or several\$3 or numerous\$2)) and (709/\$5.cels, or 710/\$5.cels, or 713/\$5.cels, or 370/\$5.cels. or 375/\$5.cels.) and (@ad<=20040130) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | 08-31-2008 |
| 20040143734 | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | 08-31-2008 |
| 20040143734 and (pll or (phase\$ near2 lock\$3)) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | 08-31-2008 |
| ("20030059036" "20040098634" "20050034009" "20050169417" "6950956" "7155006").PN. | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | 08-31-2008 |
| (((serializ\$3 near2 deserializ\$3) or serdes\$2) near7 (plural\$4 or multipl\$4 or several\$3 or numerous\$2)) same (transceiver\$ or (transmitter same receiver\$)) same (pll or (phase\$ near2 lock\$3)) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | 08-31-2008 |
| (((serializ\$3 near2 deserializ\$3) or serdes\$2) near7 (plural\$4 or multipl\$4 or several\$3 or numerous\$2)) and (transceiver\$ or (transmitter same receiver\$)) same (pll or (phase\$ near2 lock\$3)) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | 08-31-2008 |
| ((((serializ\$3 near2 deserializ\$3) or serdes\$2) near7 (plural\$4 or multipl\$4 or several\$3 or numerous\$2)) and (transceiver\$ or (transmitter same receiver\$)) same (pll or (phase\$ near2 lock\$3))) and (@ad<=20040130) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | 08-31-2008 |
| ((serializ\$3 near2 deserializ\$3) or serdes) same (phase near3 lack\$3) same (disc near3 drive) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | 09-01-2008 |
| ((scrializ\$3 near2 descrializ\$3) or serdes) same (disc near3 drive) | PGPB, USPT, USOC, EPAB, JPAB, | OR | 09-01-2008 |

| | DWPI, TDBD | | |
|---|---|----|------------|
| @ad<=20040130 | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | 09-01-2008 |
| (@ad<=20040130) and (((serializ\$3 near2 deserializ\$3) or serdes) same (disc near3 drive)) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | 09-01-2008 |
| ((synchroniz\$3 or clock\$ or lock\$3) near6 ((serializ\$3 near2 descrializ\$3) or serdes)) same (transceiver\$) same (disc near3 drive) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | 09-01-2008 |
| ((((synchroniz\$3 or clock\$ or lock\$3) near6 ((serializ\$3 near2 deserializ\$3) or serdes)) same (transceiver\$)) and (disc near3 drive) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | 09-01-2008 |
| ((((synchroniz\$3 or clock\$ or lock\$3) near6 ((serializ\$3 near2 deserializ\$3) or serdes)) same (transceiver\$)) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | 09-01-2008 |
| ((((synchroniz\$3 or clock\$ or lock\$3) near6 ((serializ\$3 near2 deserializ\$3) or serdes)) same (transceiver\$))) and (@ad<=20040130) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | 09-01-2008 |
| 20040179638 | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | 09-01-2008 |
| (375/211).ccls. or (455/7).ccls. or (455/14).ccls. or (455/15).ccls. or (455/16).ccls. or (370/279).ccls. or (370/293).ccls. or (379/338).ccls. | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | 09-01-2008 |
| ((synchroniz\$3 or clock\$ or lock\$3) near6 ((serializ\$3 near2 descrializ\$3) or serdes)) and (disc\$ near3 drive) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | 09-01-2008 |
| ((synchroniz\$3 or clock\$ or lock\$3) near6 ((serializ\$3 near2 descrializ\$3) or serdes)) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | 09-01-2008 |
| (((synchroniz\$3 or clock\$ or lock\$3) near6 ((serializ\$3 near2 deserializ\$3) or serdes))) and ((375/211).ccls. or | PGPB, USPT, USOC, | OR | 09-01-2008 |

| (455/7).ccls. or (455/14).ccls. or (455/15).ccls. or (455/16).ccls. or (370/279).ccls. or (370/293).ccls. or (379/338).ccls.) and (@ad<=20040130) | EPAB, JPAB, DWPI, TDBD | | |
|---|---|----|------------|
| 20040120418 | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | 09-01-2008 |
| (((serializ\$3 near2 descrializ\$3) or serdes) near6 core\$) same (lane and substrate\$ and board) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | 09-01-2008 |
| (((serializ\$3 near2 descrializ\$3) or serdes) near6 core\$) and (lane and substrate\$ and board) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | 09-01-2008 |
| (((serializ\$3 near2 descrializ\$3) or serdes) near6 core\$) and (substrate\$ and board) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | 09-01-2008 |
| (((serializ\$3 near2 descrializ\$3) or serdes) near6 core\$) and (substrate\$ and board) and (disc near3 drive) and (@ad<=20040130) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | 09-01-2008 |
| (((serializ\$3 near2 descrializ\$3) or serdes\$2) near6 core\$) and (disc near3 drive) and (@ad<=20040130) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | 09-01-2008 |
| (((serializ\$3 near2 descrializ\$3) or serdes\$2) near6 core\$) near7 (plural\$4 or multipl\$4) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | 09-01-2008 |
| 709/\$5.ccls. or 710/\$5.ccls. or 713/\$5.ccls. or 370/\$5.ccls. or 375/\$5.ccls. | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | 09-01-2008 |
| ((serializ\$3 near2 deserializ\$3) or serdes\$2) near7 (plural\$4 or multipl\$4 or several\$3 or numerous\$2) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | 09-01-2008 |
| (((serializ\$3 near2 descrializ\$3) or serdes\$2) near7 (plural\$4 or multipl\$4 or several\$3 or numerous\$2)) and (709/\$5.ccls, or 710/\$5.ccls, or 713/\$5.ccls, or 370/\$5.ccls, or 375/\$5.ccls,) and (@ad<=2/0040130) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | 09-01-2008 |

| 20040143734 | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | | 09-01-2008 |
|--|---|----|-----|------------|
| 20040143734 and (pll or (phase\$ near2 lock\$3)) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | | 09-01-2008 |
| ("20030059036" "20040098634" "20050034009" "20050169417" "6950956" "7155006").PN. | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | | 09-01-2008 |
| (((serializ\$3 near2 deserializ\$3) or serdes\$2) near7 (plural\$4 or multipl\$4 or several\$3 or numerous\$2)) same (transceiver\$ or (transmitter same receiver\$)) same (pll or (phase\$ near2 lock\$3)) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | | 09-01-2008 |
| (((scrializ\$3 near2 descrializ\$3) or serdes\$2) near7 (plural\$4 or multipl\$4 or several\$3 or numerous\$2)) and (transceiver\$ or (transmitter same receiver\$)) same (pll or (phase\$ near2 lock\$3)) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | | 09-01-2008 |
| ((((scrializ\$3 near2 descrializ\$3) or serdes\$2) near7 (plural\$4 or multipl\$4 or several\$3 or numerous\$2)) and (transceiver\$ or (transmitter same receiver\$)) same (pll or (phase\$ near2 lock\$3))) and (@ad<=20040130) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | | 09-01-2008 |
| ((((scrializ\$3 near2 descrializ\$3) or serdes\$2) near7 (plural\$4 or multipl\$4 or several\$3 or numerous\$2)) and (transceiver\$ or (transmitter same receiver\$)) same (pll or (phase\$ near2 lock\$3))) and (@ad<=20040130) and (dise\$2 near3 dive\$3) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | YES | 09-01-2008 |
| (common near2 serdes) and 20050169355 | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | YES | 09-01-2008 |
| ((serializ\$3 near2 deserializ\$3) or serdes) same (phase near3 lack\$3) same (disc near3 drive) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | | 09-01-2008 |
| ((serializ\$3 near2 deserializ\$3) or serdes) same (disc near3 drive) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | | 09-01-2008 |
| @ad<=20040130 | PGPB, USPT, USOC, | OR | | 09-01-2008 |

| | EPAB, JPAB, DWPI, TDBD | | |
|---|---|----|------------|
| (@ad<=20040130) and (((serializ\$3 near2 deserializ\$3) or serdes) same (disc near3 drive)) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | 09-01-2008 |
| ((synchroniz\$3 or clock\$ or lock\$3) near6 ((serializ\$3 near2 descrializ\$3) or serdes)) same (transceiver\$) same (disc near3 drive) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | 09-01-2008 |
| (((synchroniz\$3 or clock\$ or lock\$3) near6 ((serializ\$3 near2 descrializ\$3) or serdes)) same (transceiver\$)) and (disc near3 drive) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | 09-01-2008 |
| (((synchroniz\$3 or clock\$ or lock\$3) near6 ((serializ\$3 near2 deserializ\$3) or serdes)) same (transceiver\$)) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | 09-01-2008 |
| ((((synchroniz\$3 or clock\$ or lock\$3) near6 ((serializ\$3 near2 deserializ\$3) or serdes)) same (transceiver\$))) and (@ad<=20040130) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | 09-01-2008 |
| 20040179638 | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | 09-01-2008 |
| (375/211).ccls. or (455/7).ccls. or (455/14).ccls. or (455/15).ccls. or (455/16).ccls. or (370/279).ccls. or (370/293).ccls. or (379/338).ccls. | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | 09-01-2008 |
| ((synchroniz\$3 or clock\$ or lock\$3) near6 ((serializ\$3 near2 deserializ\$3) or serdes)) and (disc\$ near3 drive) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | 09-01-2008 |
| ((synchroniz\$3 or clock\$ or lock\$3) near6 ((serializ\$3 near2 descrializ\$3) or serdes)) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | 09-01-2008 |
| (((synchroniz\$3 or clock\$ or lock\$3) near6 ((serializ\$3 near2 deserializ\$3) or serdes)) and ((375/211),ccls, or (455/17),ccls, or (455/14),ccls, or (455/16),ccls, or (370/279),ccls, or (370/293),ccls, or | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | 09-01-2008 |

| 20040120418 | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | 09-01-2008 |
|--|---|----|------------|
| (((serializ\$3 near2 deserializ\$3) or serdes) near6 core\$) same (lane and substrate\$ and board) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | 09-01-2008 |
| (((serializ\$3 near2 descrializ\$3) or serdes) near6 core\$) and (lane and substrate\$ and board) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | 09-01-2008 |
| (((serializ\$3 near2 descrializ\$3) or serdes) near6 core\$) and (substrate\$ and board) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | 09-01-2008 |
| (((serializ\$3 near2 deserializ\$3) or serdes) near6 core\$) and (substrate\$ and board) and (disc near3 drive) and (@ad<=20040130) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | 09-01-2008 |
| (((serializ\$3 near2 descrializ\$3) or serdes\$2) near6 core\$) and (disc near3 drive) and (@ad<=20040130) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | 09-01-2008 |
| (((serializ\$3 near2 descrializ\$3) or serdes\$2) near6 core\$) near7 (plural\$4 or multipl\$4) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | 09-01-2008 |
| 709/\$5.ccls. or 710/\$5.ccls. or 713/\$5.ccls. or 370/\$5.ccls. or 375/\$5.ccls. | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | 09-01-2008 |
| ((serializ\$3 near2 deserializ\$3) or serdes\$2) near7 (plural\$4 or multipl\$4 or several\$3 or numerous\$2) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | 09-01-2008 |
| (((serializ\$3 near2 deserializ\$3) or serdes\$2) near7 (plural\$4 or multipl\$4 or several\$3 or numerous\$2)) and (709/\$5.ccls. or 710/\$5.ccls. or 713/\$5.ccls. or 370/\$5.ccls. or 375/\$5.ccls.) and (@ad<=20040130) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | 09-01-2008 |
| 20040143734 | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | 09-01-2008 |

| 20040143734 and (pll or (phase\$ near2 lock\$3)) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | | 09-01-2008 |
|---|---|----|-----|------------|
| ("20030059036" "20040098634" "20050034009" "20050169417" "6950956" "7155006").PN. | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | | 09-01-2008 |
| (((serializ\$3 near2 deserializ\$3) or serdes\$2) near7 (plural\$4 or multipl\$4 or several\$3 or numerous\$2)) same (transceiver\$ or (transmitter same receiver\$)) same (pll or (phase\$ near2 lock\$3)) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | | 09-01-2008 |
| (((serializ\$3 near2 deserializ\$3) or serdes\$2) near7 (plural\$4 or multipl\$4 or several\$3 or numerous\$2)) and (transceiver\$ or (transmitter same receiver\$)) same (pll or (phase\$ near2 lock\$3)) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | | 09-01-2008 |
| ((((scrializ\$3 near2 descrializ\$3) or serdes\$2) near7 (plural\$4 or multipl\$4 or several\$3 or numerous\$2)) and (transceiver\$ or (transmitter same receiver\$)) same (pll or (phase\$ near2 lock\$3))) and (@ad<=20040130) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | | 09-01-2008 |
| ((((scrializ\$3 near2 descrializ\$3) or serdes\$2) near7 (plural\$4 or multipl\$4 or several\$3 or numerous\$2)) and (transceiver\$ or (transmitter same receiver\$)) same (pll or (phase\$ near2 lock\$3)) and (@ad<=20040130) and (dise\$2 near3 drive\$3) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | | 09-01-2008 |
| (common near2 serdes) and 20050169355 | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | | 09-01-2008 |
| (((serializ\$3 near2 deserializ\$3) or serdes\$2) near7 (plural\$4 or multipl\$4 or several\$3 or numerous\$2)) and (transceiver\$ or (transmitter same receiver\$)) and (pll or (phase\$ near2 lock\$3)) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | YES | 09-01-2008 |
| ((((scrializ\$3 near2 descrializ\$3) or serdes\$2) near7 (plural\$4 or multipl\$4 or several\$3 or numerous\$2)) and (transceiver\$6 or (transmitter same receiver\$)) and (pll or (phase\$ near2 lock\$31)) and (@ad<=20040130)) and (disc\$2 near3 drive\$3) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | YES | 09-01-2008 |
| (((scrializ\$3 near2 descrializ\$3) or serdes\$2) near7 (plural\$4 or multipl\$4 or several\$3 or numerous\$2)) and (disc\$2 near3 drive\$3) and (common near3 core\$) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | YES | 09-01-2008 |
| | | OR | YES | 09-01-2008 |

| (((serializ\$3 near2 deserializ\$3) or serdes\$2) near7 (plural\$4 or multipl\$4 or several\$3 or numerous\$2)) and (disc\$2 near3 drive\$3) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | | | |
|---|---|----|-----|------------|
| ((((serializ\$3 near2 descrializ\$3) or serdes\$2) near7 (plural\$4 or multipl\$4 or several\$3 or numerous\$2)) and (disc\$2 near3 drive\$3)) and (@ad<=20040130) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | YES | 09-01-2008 |